

FIG 1

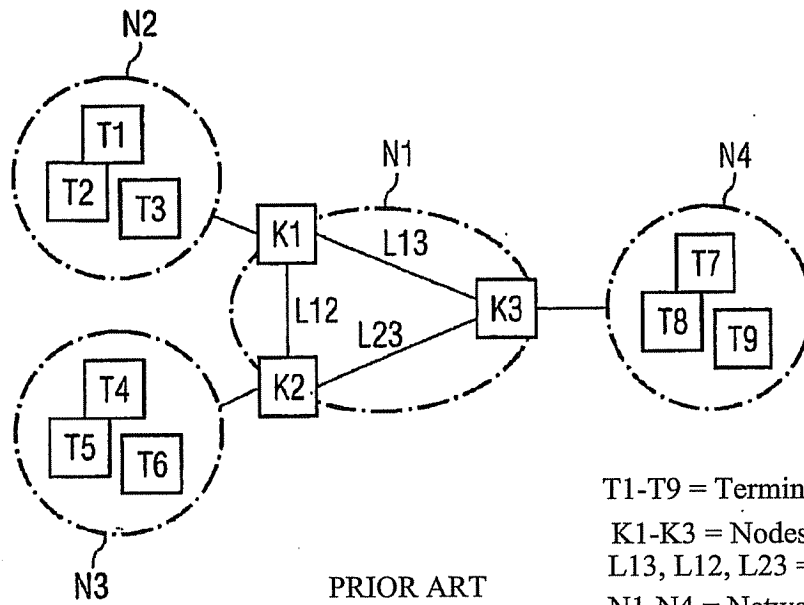


FIG 2

RT:

Origin	Destination	Path 1	Path 2
N2	N3	K1-K2	K1-K3-K2
N2	N4	K1-K3	K1-K2-K3
N3	N2	K2-K1	K2-K3-K1
N3	N4	K2-K3	K2-K1-K3
N4	N2	K3-K1	K3-K2-K1
N4	N3	K3-K2	K3-K1-K2

Node K1:

Destination	Next hop	Alternative next hop
N1	local	local
N2	local	local
N3	K2	K3
N4	K3	K2

N1 - N4 = Networks

K1 - K3 = Nodes

Node K2:

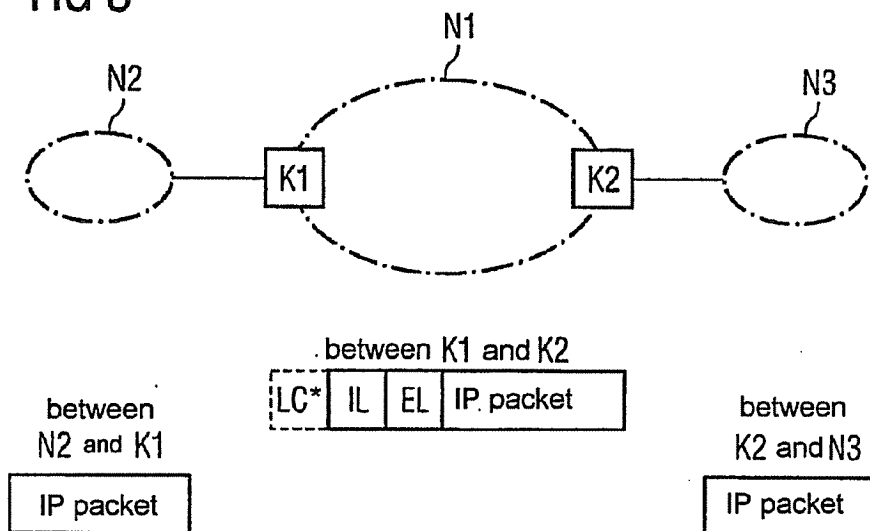
Destination	Next hop	Alternative next hop
N1	local	-
N2	K1	K3
N3	local	-
N4	K3	K1

Node K3:

Destination	Next hop	Alternative next hop
N1	local	-
N2	K1	K2
N3	K2	K1
N4	local	-

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FIG 3



N1 - N3 = Networks

K1 - K2 = Nodes

IL = Ingress Label

EL = Egress Label

LC = Label Code

## FIG 4

Table for determining the EL: Egress Label

Destination	Output node	EL
N2	K1	KN1
N3	K2	KN2
N4	K3	KN3

Node K1:

EL	IL	Next hop	Alternative next hop
KN2	KN1	K2	K3
KN2	KN3	K2	-
KN3	KN1	K3	K2
KN3	KN2	K3	-
KN1	*	EGP	

IL = Ingress Label

EL = Egress Label

N1 - N4 = Networks

K1 - K3 = Nodes

KN1 - KN3 = identifiers  
of ingress & egress nodes

Node K2:

EL	IL	Next hop	Alternative next hop
KN1	KN2	K1	K3
KN1	KN3	K1	-
KN3	KN2	K3	K1
KN3	KN1	K3	-
KN2	*	EGP	

Node K3:

EL	IL	Next hop	Alternative next hop
KN1	KN3	K1	K2
KN1	KN2	K1	-
KN2	KN3	K2	K1
KN2	KN1	K2	-
KN3	*	EGP	